

## Re: Cache

**Source:**

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2004-08/4846.html>

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**From:** Kevin Spencer (*kspencer\_at\_takempis.com*)

**Date:** 08/24/04

Date: Tue, 24 Aug 2004 09:09:53 -0400

Note what I said:

> > *The only way for any HTML object or script on the client to know anything about what is on the server is if it is present in the HTML document on the client.*

Note what you said:

> *Using <% ServerVariable%> can get values from the server then the java can access this value.*

What you described is exactly (but badly demonstrated) what I was talking about – writing data into the client HTML document. And BTW, JavaScript is NOT Java.

Note what I said:

IOW, you can write out values into hidden HTML form fields, etc.,  
> > *if you want to access that data on the client.*

Note what you said:

> *Also, posting or html control values can be captured on the aspnet codebehind side.*

Am I missing something, or is your "correction" in agreement with what I said?

If you don't understand the technology that well, keeping silent will make people think you do.

--  
HTH,  
Kevin Spencer  
.Net Developer

Re: Cache

## microsoft.public.dotnet.framework.aspnet: Re: Cache

Microsoft MVP  
Big things are made up  
of lots of little things.  
"Harry Simpson" <hssimpson@nospamphgt.net> wrote in message  
news:uSAXeeViEHA.2340@TK2MSFTNGP11.phx.gbl...  
> Not entirely true there:  
>  
> Using <% ServerVariable%> can get values from the server then the java can  
> access this value.  
>  
> Also, posting or html control values can be captured on the aspnet  
> codebehind side.  
>  
> Harry  
>  
> "Kevin Spencer" <kspencer@takempis.com> wrote in message  
> news:OdENQWViEHA.2764@TK2MSFTNGP11.phx.gbl...  
> > Okay, first, it is important to note that there is no "THE Cache" -  
There  
> > are many caching mechanisms in ASP.Net, including, but not limited to  
the  
> > Application Cache, SessionState, ViewState, and Page Output Cache. I can  
> > see  
> > from your message context that in this case, you're referring to the  
> > Application Cache, but I wanted you to know that you have plenty of  
> > options  
> > for caching data. Each of these options has different characteristics  
that  
> > make it more or less appropriate for the specific kind of aching you  
want  
> > to  
> > do. ViewState, for example, has Page scope, which means that it is  
> > accessible to a given user (client browser instance) and a given page,  
> > and  
> > passes away whenever the user navigates away from a page. SessionState  
is  
> > global to a user across pages, but not available to any other user  
(client  
> > browser). Application Cache is visible to all user Sessions and for the  
> > lifetime of the Application, or the timeout you set for it.  
> >  
> > ASP.Net has both server-side and client-side components, and never the  
> > twain  
> > shall meet. The server-side objects generate client-side HTML, which is  
> > then  
> > posted back to the server, etc. As HTTP is stateless, there is no  
> > communication between client and server, other than a Request (POST or  
> > GET),  
> > and the HTML document that is received by the client browser. Therefore,  
> > as  
> > these caching mechanisms are all on the server, there is no way to  
access  
> > anything on the server via the client (a bit oversimplified, but useful  
in  
> > this context).  
> >  
> > The only way for any HTML object or script on the client to know  
anything  
> > about what is on the server is if it is present in the HTML document on  
> > the  
> > client. IOW, you can write out values into hidden HTML form fields,  
etc.,

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```
> > if
> > you want to access that data on the client.
> >
> > --
> > HTH,
> > Kevin Spencer
> > .Net Developer
> > Microsoft MVP
> > Big things are made up
> > of lots of little things.
> >
> > "Angel" <Angel@discussions.microsoft.com> wrote in message
> > news:387A49E4-9BFB-42BB-8627-51C5D20D43CC@microsoft.com...
> >> I am saving items in the cache in my code behind. By setting these
items
> > with
> >> an expiration are these items only available for the page its being set
> >> or
> >> throughout the application? My next question is can these cache items
be
> >> accessed on the client side code(Javascript), If so, how? do you have
any
> >> javascript code out there that accesses these cached items from the
code
> >> behind?
> >>
> >> thank you in advance...
> >
> >
> >
>
```